HTAP2 Global and Regional Model Evaluation Workshop

Monday, 11 May 2015

7:30	Bus Departs Millennium Harvest House Hotel for NCAR Center Green	
8:30	Overview of Progress and Plans	
8:30	HTAP2 & Objectives of the Workshop	Terry Keating
	Status Reports from Contributing Modeling Groups Representatives of modeling groups contributing to HTAP2 are at a) the status of their simulations and analyses b) plans for additional simulations and analyses c) initial findings related to model performance (Q1) and source at	
9:00	CICERO (OsloCTM3.v2)	Marianne Lund (via web)
9:15	EMEP MSC-W (UNIMOD)	Jan Eiof Jonson
9:30	ECMWF (C-IFS)	Johannes Flemming (via web)
9:45	Lancaster University (FRSGC-UCI CTM)	Oliver Wild (via web)
10:00	Break	
10:30	AQMEII3	Christian Hogrefe
10:50	TFMM/EuroDelta	Marta Garcia
11:00	INERIS, CIEMAT (CHIMERE)	Marta Garcia
11:15	MICS-Asia3	Terry Keating for Joshua Fu
11:25	Univ. Tenn. Knoxville (Hemis CMAQ)	Terry Keating for Joshua Fu
11:35	AeroCom	Huisheng Bian
11:45	NASA GSFC (GOCARTv5, GEOS5)	Huisheng Bian
12:00	Lunch & Posters	
13:30	University of Edinburgh, UK Met Office (UKCA)	Ruth Doherty
13:45	SSEC-NESDIS (RAQMS)	Brad Pierce (via web)
14:00	Univ.Col. Boulder (GEOS-Chem Adjoint)	Daven Henze / Yanko Davila
14:15	Georgia Tech (REAM)	Yuzhong Zhang
14:30	U Iowa, JPL, GMU (STEM)	Min Huang (via web)
14:45	NAGOYA,JAMSTEC,NIES (Chaser)	Kengo Sudo
15:00	IITM (MOZART4)	Sachin Ghude
15:15	Environment Canada (GEM-MACH)	Sylvie Gravel
15:30	Break	
16:00	NCAR, Leeds, IASS-Potsdam (CAM-Chem)	Louisa Emmons
16:15	NOAA/GFDL (AM3)	Meiyun Lin
16:30	SNU (GEOS-Chem)	Terry Keating for Rokjin Park
16:45	Plenary Discussion of Themes/Issues	Terry Keating
17:30	Adjourn for Day	
17:45	Bus Departs NCAR Center Green for Millennium Harvest House Hotel	

Tuesday, 12 May 2015

7:30	Bus Departs Millennium Harvest House Hotel for NCAR Center Gree	en	
8:00	Initial Evaluation of the Ensemble of Results		
8:00	Status of AeroCom/HTAP2 Server and Interface: Data and Tools	Michael Schulz (via web)	
8:20	Status of ENSEMBLE: Data and Tools	Stefano Galmarini	
8:40	Tropospheric Ozone Assessment Report	Owen Cooper	
9:00	North American Inflow Analysis	Owen Cooper	
9:20	Global Ozone Model Evaluation: Lessons from ACCMIP	Jordan Schnell	
9:40	Plenary Discussion	Terry Keating	
10:00	Break		
10:30	Discussion of Initial Findings		
10:30	Introduction to Questions and Initial Statements		
10:40	Q1. Evaluation of Model Performance How well can current global and regional models quantify: a) spatial patterns and temporal trends in i) surface ozone concentrations ii) fine particle concentrations iii) nitrogen deposition b) elevated levels of ozone in urban and regional locations, including high elevation sites?		
11:00	Q2. Evaluation of Source Attribution How well can current global and regional models quantify: c) contributions of local and regional anthropogenic sources as distinguished from i) anthropogenic sources outside the United States or North America ii) stratospheric intrusion iii) biogenic, wildfires, wind-blown dust, and other uncontrollable emissions		
11:20	Q3. Standards for Model Evaluation Are robust and generally acceptable model performance standards established and routinely applied in the global and regional modeling communities?		
11:40	Q4. Establishing Regional Boundary Conditions In a nested system, how does global model performance affect regional model performance? How should future-year boundary conditions for western U.S. regional modeling be determined o evaluated?		
12:00	Lunch & Posters		
13:30	Plans for Additional Analyses (How do we improve our answers to Q1-4?)		
13:30	Operational Evaluation		
14:30	Diagnostic Evaluation		
15:30	Break		
16:00	Modeling Sensitivity Analyses		
17:00	Next Steps		
17:30	Adjourn for Day		
17:45	Bus Departs NCAR Center Green for Millennium Harvest House Hot	rel	